L	Hits	Search Text	DB	Time stamp
Number 1	2	6208669.pn.	USPAT;	2003/12/11
	4	6200669.pm.	US-PGPUB; EPO; JPO;	14:12
-	1459	nortel adj network\$1 adj limited	DERWENT USPAT; US-PGPUB;	2003/12/09 11:30
			EPO; JPO; DERWENT	
-	5984	(nortel adj network\$1 adj limited) and (space adj2 time adj coding) or stc	USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:31
-	7	(nortel adj network\$1 adj limited) and ((space adj2 time adj coding) or stc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:32
_	0	((nortel adj network\$1 adj limited) and ((space adj2 time adj coding) or stc).) and @ad<19990723	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:32
_	0	(damian adj bevan) and ((space adj2 time adj coding) or (stc))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:33
_	0	(rudolf adj tanner) and ((space adj2 time adj coding) or (stc))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:33
_	0	(alex adj grant) and ((space adj2 time adj coding) or (stc))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:33
_	0	(nortel adj network\$1 adj limited) and (alex adj grant) and ((space adj2 time adj coding) or (stc))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:34
_	8	375/265.ccls.and ((space adj2 time adj coding) or (stc))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:36
-	2	(375/265.ccls.and ((space adj2 time adj coding) or (stc))) and @ad<19990723	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 16:54
-	0	((375/265.ccls.and ((space adj2 time adj coding) or (stc))) and @ad<19990723) and ((modulator) and (de adj2 multiplexer))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:36
-	0	((375/265.ccls.and ((space adj2 time adj coding) or (stc))) and @ad<19990723) and ((modulator) and (multiplexer))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/09 11:36
-	7	375/265.ccls.and ((space adj2 time adj coding) or (stc) and (modulator) and (de adj2 multiplexer))	USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:39
-	2	(375/265.ccls.and ((space adj2 time adj coding) or (stc) and (modulator) and (de adj2 multiplexer))) and @ad<19990723	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/09 11:39
-	. 0	375/265.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/09 11:40
_	153	((space adj2 time adj coding) or (stc) and (modulator) and (de adj2 multiplexer))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/10 10:12

and [modulator) and (de adj2 US-PGUB; 17:28 EPO; JPO; DEMENT USPAT; USPA					
	-	13	(((space adj2 time adj coding) or (stc)		
1 (((space ad)2 time ad) coding) or (stc) and (modulator) and (de ad)2 (SPAT)			and (modulator) and (de adj2	•	17:28
1 (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer) 375/347.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer) 1 375/267.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer) 11:41			multiplexer))) and @ad<19990723		
and (modulator) and (de adj2 NS-PGUB)		,			0000 /10 /00
The state of the	[-	1		· ·	· · · -
1 375/347.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer) 1 375/267.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer) 1 375/267.ccls. and (((space adj2 time adj come adj2 multiplexer)) 1 (((antenna or spatial) adj diversity) 1				· ·	15:53
1 375/347.ccls. and (((space adj2 time adj odding) or (stc)) and (modulator) and (de adj2 multiplexer)) 1375/267.ccls. and ((space adj2 time adj odding) or (stc)) and (modulator) and (de adj2 multiplexer)) 11:41 12:56 12			Multiplexel)		
coding) or (stc)) and (modulator) and (de adj2 multiplexer) 1 375/267.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer)) 1 ((((antenna or spatial) adj diversity) 1 1 1 1 1 1 1 1 1	_	1	375/347.ccls. and (((space adi2 time adi		2003/12/09
adj2 multiplexer) 375/267.ccls. and (((space adj2 time adj		_ *	coding) or (stc)) and (modulator) and (de		
1 375/267.ccls. and (((space adj2 time adj coding) or (stc)) and (modulator) and (de adj2 multiplexer)) 1:41 2003/12/09 1:41 2003/12/09 1:41 2003/12/09 1:41 2003/12/09			adi2 multiplexer))	· ·	
coding or (stc) and (modulator) and (de adj2 multiplexer) 7 ((((antenna or spatial)adj diversity) US-PGPUB; multiplexer)) and (de adj2 multiplexer) US-PGPUB; multiplexer) 11:44					
coding or (stc) and (modulator) and (de adj2 multiplexer) 7 ((((antenna or spatial)adj diversity) US-PGPUB; multiplexer)) and (de adj2 multiplexer) US-PGPUB; multiplexer) 11:44	-	1	375/267.ccls. and (((space adj2 time adj	USPAT;	2003/12/09
Total Content			coding) or (stc)) and (modulator) and (de	US-PGPUB;	11:41
Comparison Com			adj2 multiplexer))		
and (modulator) and (de adj2 multiplexer)) and @ad<19990723 (((antenna or spatial) adj diversity) and (modulator) and (de adj2 multiplexer)) ((((antenna or spatial) adj diversity) and (modulator) and (de adj2 multiplexer)) and trellis ((((antenna or spatial) adj diversity) and (modulator) and (de adj2 multiplexer)) and trellis (((((antenna or spatial) adj diversity) and (adj2 multiplexer) and trellis) (((((antenna or spatial) adj diversity) and (modulator) and (de adj2 multiplexer)) ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) (((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (de adj2 multiplexer)) (((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) (((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) ((((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) (((((space adj2 time adj coding) or (stc)) DERNEMT US-PGUB; ESPO, JPO; DER		_		·	
multiplexer) and @adx19990723 EPO, JPO; DERWENT USPAT; 2003/12/10 USPAT;	_	'			
Seminary Content Con					11:44
1			Multiplexel))) and Gad(19990723		
	_	۹	(((antenna or spatial)adi diversity) and		2003/12/10
Comparison				· · · · · · ·	
1			(
modulator) and (de adj2 multiplexer) US-PGPUB; EPO: JPO: DERWENT USPAT; US					
modulator and (de adj2 multiplexer) us-pgpuB; EPO; JPO; DERWENT USPAT; us-pgpuB; ls:49 EPO; JPO; DERWENT uspat; us	-	1		USPAT;	2003/12/09
1 375/347.ccls. and ((modulator) and (de adj2 multiplexer) and trellis)				US-PGPUB;	15:49
1 375/347.ccls and ((modulator) and (de adj2 multiplexer) and trellis)					
adj2 multiplexer) and trellis US-PGPUB; EBO, JPO; DERWENT USPAT;					
Comparison	_	1		·	
			adj2 multiplexer) and trellis)	-	15:46
1 ((((antenna or spatial) adj diversity) and (modulator) and (de adj2 USPAT; US-PGPUB; EPO; JPO; DERWENT and (de adj2 multiplexer)) USPAT; USPAT; USPAT; and (de adj2 multiplexer)) USPAT; US					
and (modulator) and (de adj2 multiplexer)) and trellis - 4 (((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) - 3 ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 3 ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (ead<19990723 - 11 (((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 7 ((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) and (ead<19990723 - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (ead<19990723) and (de adj2 multiplexer)) and (ead<19990723) and trellis - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) and (ead<19990723) and trellis - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (ead<19990723) and (trellis adj encod\$3) (for ((((antenna or spatial)adj diversity)) and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 0 ((((((1	////antonna or snatial ladi divorsity		2003/12/09
- 4 (((space adj2 time adj coding) or (stc))	-	1			
DERWENT ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (de adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (de adj2 multiplexer)) (((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) (((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer) (((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) and (de adj2 multiplexer) (((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer) (uspat; uspat; uspat; uspepub; EPO; JPO; DERWENT uspat; usp				· ·	13.37
- 4 ((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) - 3 (((((space adj2 time adj coding) or (stc)) and (de adj2 multiplexer)) and (ead<19990723 - 11 ((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 7 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) - 10 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer)) and (ead<19990723 - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (ead<19990723) and trellis (ead<19990723) and trellis - 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (ead<19990723) and trellis (uspat; and (de adj2 multiplexer))) and (ead<19990723) and (trellis adj encod\$3) (uspat; and (de adj2 multiplexer)) - 2 375/267.ccls. and (de adj2 multiplexer) - 0 375/267.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer))			marcipionely,, and ordina		
and (de adj2 multiplexer) US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT;	_	4	(((space adj2 time adj coding) or (stc))		2003/12/09
- 3 ((((space adj2 time adj coding) or (stc)) DERWENT uspAT; and (de adj2 multiplexer))) and ed<(19990723		_		-	15:54
- 0 ((((antenna or spatial) adj diversity) and (de adj2 multiplexer))) and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 7 ((((antenna or spatial) adj diversity) and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 8 (((((antenna or spatial) adj diversity) and (de adj2 multiplexer))) and (de adj2 multiplexer)) and (de adj2 multiplexer)) and (de adj2 multiplexer)) and (de adj2 multiplexer))) and (de adj2 multiplexer))) and (de adj2 multiplexer))) and (de adj2 multiplexer))) and (de adj2 multiplexer)) - 10 (((((antenna or spatial) adj diversity) US-PGPUB; EPO; JPO; DERWENT US-PG					
and (de adj2 multiplexer))) and (Bad<19990723 BEPO; JPO; DERWENT 2003/12/09 15:56 EPO; JPO; DERWENT USPAT; DERWENT					
Gad<19990723	-	3			
- 11 (((antenna or spatial)adj diversity) uS-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/09 und (de adj2 multiplexer)) and US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/09 und (de adj2 multiplexer)) and US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/09 und (de adj2 multiplexer)) and (de adj2 multiplexer) USPAT; 2003/12/10 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/09 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;					15:56
- ((((antenna or spatial)adj diversity) uS-PGPUB; EPO; JPO; DERWENT USPAT; us-PGPUB; EPO; JPO; DERWENT US-PGPUB;			@ad<19990723		
and (de adj2 multiplexer)) and (de adj2 multiplexer)) - 7 ((((antenna or spatial)adj diversity) uSPAT; uSPAT; and (de adj2 multiplexer))) and uSPAT; bERWENT uSPAT; and (de adj2 multiplexer)) and uSPAT; uSPAT; and (de adj2 multiplexer)) and uSPAT; uSPAT; uSPAT; and (de adj2 multiplexer)) and uSPAT; u		11	///antonna or enatial ladi diversity/		2003/12/09
- 0 ((((antenna or spatial)adj diversity) uspat; 2003/12/09 usd(de adj2 multiplexer)) and uspat; 2003/12/09 us-pGPUB; EPO; JPO; DERWENT uspat; 2003/12/09 usd(de adj2 multiplexer)) and uspat; 2003/12/09 usd(de adj2 multiplexer)) and uspat; 2003/12/09 uspat; 2003/12/09 uspat; 2003/12/09 uspat; 2003/12/09 uspat; 2003/12/09 uspat; 2003/12/10 uspat; 2003/12/09 uspat; 2003/1	[-	11			
- 0 ((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (DERWENT USPAT; 2003/12/09 us-pGPUB; EPC; JPC; DERWENT USPAT; 2003/12/10 us-pGPUB; EPC; JPC; DERWENT USPAT; 2003/12/10 us-pGPUB; EPC; JPC; DERWENT USPAT; 2003/12/10 us-pGPUB; EPC; JPC; DERWENT USPAT; 2003/12/09 us-pGPUB; EPC; JPC; DERWENT USPAT; US-pGPUB; EPC; JPC; JPC; DERWENT USPAT; US-pGPUB; EPC; JPC; JPC; DERWENT USPAT; US-pGPUB; EPC; JPC; JPC; JPC; JPC; DERWENT USPAT; US-pGPUB; EPC; JPC; JPC; JPC; JPC; JPC; JPC; JPC; J			and (de dajz marorpronor)		10,00
- ((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (SPAT; USPAT;					
and (de adj2 multiplexer)) and (ead<19990723	1-	7	((((antenna or spatial)adj diversity)		2003/12/09
- 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (gad<19990723) and trellis (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (gad<19990723) and (trellis adj encod\$3) (Berwent Uspat; (and (de adj2 multiplexer))) and (gad<19990723) and (trellis adj encod\$3) (Berwent Uspat; (berwent Usp	1		and (de adj2 multiplexer))) and		15:56
- 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (USPAT; uspat; and (de adj2 multiplexer))) and (USPAT; uspat; and (de adj2 multiplexer)) and (USPAT; uspat; uspat; and (de adj2 multiplexer)) and (USPAT; uspat; uspat; and (de adj2 multiplexer)) and (USPAT; uspat;			@ad<19990723		
and (de adj2 multiplexer))) and (ead<19990723) and trellis O (((((antenna or spatial)adj diversity) USPAT; 2003/12/10 O9:51 and (de adj2 multiplexer))) and US-PGPUB; EPO; JPO; DERWENT USPAT; adj2 multiplexer) O 375/267.ccls. and (modulator near (de adj2 multiplexer)) O 375.ccls. and (modulator near (de adj2 multiplexer))		_	[, , , , , , , , , , , , , , , , , , ,		0000/10/00
@ad<19990723) and trellis ((((((antenna or spatial)adj diversity) USPAT; 2003/12/10 uspat; and (de adj2 multiplexer)) and (us-PGPUB; EPO; JPO; DERWENT uspat; 2003/12/09 usp	-	0			
- 0 ((((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (de adj2 multiplexer))) and (bead<19990723) and (trellis adj encod\$3) (DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;			and (de adj/ multiplexer))) and		13:21
- 0 (((((antenna or spatial)adj diversity) and (de adj2 multiplexer))) and (gad<19990723) and (trellis adj encod\$3)			eau\13330723 and treffix		
and (de adj2 multiplexer))) and (gad<19990723) and (trellis adj encod\$3) 2 375/267.ccls. and (de adj2 multiplexer) 0 375/267.ccls. and (modulator near (de adj2 multiplexer)) 0 375.ccls. and (modulator near (de adj2 multiplexer)) 1 375.ccls. and (modulator near (de adj2 multiplexer))	1_	n	(((((antenna or spatial)adi diversity)		2003/12/10
@ad<19990723) and (trellis adj encod\$3)				-	
- 2 375/267.ccls. and (de adj2 multiplexer)			@ad<19990723) and (trellis adj encod\$3)	·	
- 0 375/267.ccls. and (modulator near (de adj2 multiplexer)) 0 375.ccls. and (modulator near (de adj2 multiplexer)) 0 375.ccls. and (modulator near (de adj2 multiplexer)) 1 375.ccls. and (modulator near (de adj2 multiplexer))					
- 0 375/267.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer))	-	2	375/267.ccls. and (de adj2 multiplexer)	· ·	
- 0 375/267.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 multiplexer)) - 0 375.ccls. and (modulator near (de adj2 uspat;					16:00
- 0 375/267.ccls. and (modulator near (de adj2 multiplexer))					
adj2 multiplexer)) US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;		_	275 /267 1 / 2		2002/12/00
- 0 375.ccls. and (modulator near (de adj2 USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	-	0		· ·	
- 0 375.ccls. and (modulator near (de adj2 USPAT; USPAT; US-PGPUB; L6:04 EPO; JPO;			adj2 multiplexel)		10:02
- 0 375.ccls. and (modulator near (de adj2 USPAT; US-PGPUB; US-PGPUB; EPO; JPO; 2003/12/09					
multiplexer)) US-PGPUB; 16:04 EPO; JPO;	-	0	375.ccls. and (modulator near (de adi2		2003/12/09
EPO; JPO;				· ·	
ן יינאים אוס פור ן			• • • • • • • • • • • • • • • • • • • •		
			<u></u>	DERWENT	

_	0	(modulator near (de adj2 multiplexer))	USPAT; US-PGPUB;	2003/12/09 16:04
			EPO; JPO;	
_	304	(modulator and (de adj2 multiplexer))	DERWENT USPAT;	2003/12/09
_	304	(modulator and (de adj2 mdrtrprexer))	US-PGPUB;	16:04
		·	EPO; JPO;	
_	1	((modulator and (de adj2 multiplexer)))	DERWENT USPAT;	2003/12/09
_	1	and (space adj2 time adj cod\$3)	US-PGPUB;	16:05
İ			EPO; JPO;	
_	2	6208669.pn.	DERWENT USPAT;	2003/12/09
	_	0200003.pm	US-PGPUB;	16:54
			EPO; JPO;	
_	2	6185258.pn.	DERWENT USPAT;	2003/12/09
	_	,	US-PGPUB;	17:14
		•	EPO; JPO;	
_	1	375/267.ccls. and (four adj2 block)	DERWENT USPAT;	2003/12/09
	_	(US-PGPUB;	17:29
			EPO; JPO; DERWENT	
_	0	375/267.ccls. and (four adj2 bit adj data	USPAT;	2003/12/09
		adj block)	US-PGPUB;	17:29
			EPO; JPO; DERWENT	
_	0	375/267.ccls. and (four adj2 bit adj data	USPAT;	2003/12/10
	•	adj block\$1)	US-PGPUB;	11:30
		·	EPO; JPO; DERWENT	
-	186		USPAT;	2003/12/10
		and (block adj cod\$3))	US-PGPUB;	17:33
			EPO; JPO; DERWENT	
-	50	((((antenna or spatial)adj diversity)	USPAT;	2003/12/10
	:	and (block adj cod\$3))) and trellis	US-PGPUB; EPO; JPO;	09:54
			DERWENT	
-	15	(((((antenna or spatial)adj diversity) and (block adj cod\$3))) and trellis) and	USPAT; US-PGPUB;	2003/12/10 09:54
		@ad<19990723	EPO; JPO;	09.54
			DERWENT	0000/10/10
-	0	(((antenna or spatial)adj diversity) and (four adj2 block adj cod\$3))	USPAT; US-PGPUB;	2003/12/10 10:36
			EPO; JPO;	
_	0	(((antenna or spatial)adj diversity)	DERWENT USPAT;	2003/12/10
		and (four adj2 bit adj2 block adj cod\$3))	US-PGPUB;	10:32
			EPO; JPO;	
_	0	((((antenna or spatial)adj diversity)	DERWENT USPAT;	2003/12/10
		and (block adj cod\$3))) and (four adj2	US-PGPUB;	09:55
		bit adj data adj block\$1)	EPO; JPO; DERWENT	
_	0	(four adj2 bit adj data adj block\$1) and	USPAT;	2003/12/10
,		((antenna or spatial)adj diversity)	US-PGPUB; EPO; JPO;	10:33
			DERWENT	
-	26	four adj2 bit adj data adj block\$1	USPAT;	2003/12/10
		,	US-PGPUB; EPO; JPO;	09:54
			DERWENT	
-	19	(four adj2 bit adj data adj block\$1) and @ad<19990723	USPAT; US-PGPUB;	2003/12/10 09:54
		Gau\19990123	EPO; JPO;	U3.34
		//S	DERWENT	0000/10/10
_	0	((four adj2 bit adj data adj block\$1) and @ad<19990723) and trellis	USPAT; US-PGPUB;	2003/12/10 10:01
			EPO; JPO;	·····
L		<u> </u>	DERWENT	

13	((((antenna or spatial)adj diversity) and (block adj cod\$3))) and (four adj2 bit\$1)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:36
0	((((((antenna or spatial)adj diversity) and (block adj cod\$3))) and trellis) and	DERWENT USPAT; US-PGPUB;	2003/12/10 09:55
1	(four adj2 bit adj data adj block\$1) and trellis	DERWENT USPAT; US-PGPUB;	2003/12/10 10:01
0	((antenna or spatial)adj diversity) and	EPO; JPO; DERWENT USPAT;	2003/12/10 10:11
0		EPO; JPO; DERWENT	2003/12/10
	and (quarter adj2 rate adj2 coder)	US-PGPUB; EPO; JPO; DERWENT	10:31
1	quarter adj2 rate adj2 coder	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:31
0	quarter adj rate adj coder	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:31
0	((antenna or spatial)adj diversity) and (eight adj2 qpsk)	USPAT; US-PGPUB;	2003/12/10 10:39
0	((antenna or spatial)adj diversity) and (eight adj2 qpsk)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:33
9	eight adj2 qpsk	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:35
3	eight adj2 qpsk adj symbol\$1	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:36
0	(eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:36
3	(eight adj2 qpsk adj symbol\$1) and (four adj2 bit\$1)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:36
1	((antenna or spatial)adj diversity) and (eight adj2 psk)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:47
0	(((antenna or spatial)adj diversity) and (multidimensional adj space adj2 time adj code) or (mc adj2 sttc))	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:48
0	(multidimensional adj space adj2 time adj code) or (mc adj2 sttc)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:49
0	(multidimensional adj space adj2 time adj trellis adj code) or (mc adj2 sttc)	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:50
0	(multi adj2 dimensional adj space adj2 time adj trellis adj code) or (mc adj2 sttc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 10:53
	0 1 0 0 0 0 0 3 1 0 0	and (block adj cod\$3))) and (four adj2 bit\$1) 0 ((((((antenna or spatial)adj diversity) and (block adj cod\$3))) and trellis) and (ead<19990723) and (four adj2 bit\$1) 1 (four adj2 bit adj data adj block\$1) and trellis 0 ((antenna or spatial)adj diversity) and (quarter adj2 rate adj2 coder) 1 ((space adj2 time adj coding) or (stc)) and (quarter adj2 rate adj2 coder) 1 quarter adj2 rate adj2 coder 0 ((antenna or spatial)adj diversity) and (eight adj2 qpsk) 0 ((antenna or spatial)adj diversity) and (eight adj2 qpsk) 9 eight adj2 qpsk adj symbol\$1 0 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 3 (eight adj2 qpsk adj symbol\$1) and (four adj2 bit\$1) 1 ((antenna or spatial)adj diversity) and (eight adj2 psk) 0 (((antenna or spatial)adj diversity) and (eight adj2 psk) 0 (((antenna or spatial)adj diversity) and (multidimensional adj space adj2 time adj code) or (mc adj2 sttc) 0 (multidimensional adj space adj2 time adj trellis adj code) or (mc adj2 sttc) 0 (multidimensional adj space adj2 time adj trellis adj code) or (mc adj2 sttc)	and (block adj cod\$3))) and (four adj2 bit\$1) bit\$1) 0 (((((((antenna or spatial) adj diversity) and (block adj cod\$3))) and trellis) and (block adj cod\$3))) and trellis) and (block adj cod\$3)) and trellis) and (four adj2 bit\$1) 1 (four adj2 bit adj data adj block\$1) and trellis 1 (four adj2 bit adj data adj block\$1) and (quarter adj2 rate adj2 coder) 1 ((antenna or spatial) adj diversity) and (quarter adj2 rate adj2 coder) 1 ((space adj2 time adj coding) or (stc)) and (quarter adj2 rate adj2 coder) 1 quarter adj2 rate adj2 coder 1 quarter adj2 rate adj2 coder 2 ((antenna or spatial) adj diversity) and (eight adj2 qpsk) 2 ((antenna or spatial) adj diversity) and (eight adj2 qpsk) 3 eight adj2 qpsk adj symbol\$1 4 eight adj2 qpsk adj symbol\$1 3 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 4 ((antenna or spatial) adj diversity) and (eight adj2 ppsk) 4 ((antenna or spatial) adj diversity) and (four adj2 block adj cod\$3) 5 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 6 ((antenna or spatial) adj diversity) and (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 7 ((antenna or spatial) adj diversity) and (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 8 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 9 ((antenna or spatial) adj diversity) and (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 1 ((antenna or spatial) adj diversity) and (eight adj2 qpsk) 2 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj cod\$3) 1 ((antenna or spatial) adj diversity) and (eight adj2 qpsk) 2 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj code) or (mc adj2 time adj code) or (mc adj2 sttc) 4 ((antenna or spatial) adj diversity) 5 (eight adj2 qpsk adj symbol\$1) and (four adj2 block adj code) or (mc adj2 time adj trellis adj code) or (mc adj2 time adj c

-	0	(n adj2 dimensional adj space adj2 time	USPAT;	2003/12/10
		adj trellis adj code) or (mc adj2 sttc)	US-PGPUB;	10:53
		· ·	EPO; JPO;	
			DERWENT	
-	0	(n adj2 dimensional adj space adj2 time	USPAT;	2003/12/10
		adj code) or (mc adj2 sttc)	US-PGPUB;	11:12
			EPO; JPO;	
			DERWENT	
-	11	block adj code adj modulation	USPAT;	2003/12/10
'	ļ		US-PGPUB;	11:13
			EPO; JPO;	
	İ		DERWENT	
-	26	four adj2 bit adj data adj block\$1	USPAT;	2003/12/10
			US-PGPUB;	11:30
		·	EPO; JPO;	
			DERWENT	
-	19	(four adj2 bit adj data adj block\$1) and	USPAT;	2003/12/10
		@ad<19990723	US-PGPUB;	11:30
			EPO; JPO;	
	_		DERWENT	
-	0	((four adj2 bit adj data adj block\$1) and	USPAT;	2003/12/10
1		@ad<19990723) and trellis	US-PGPUB;	11:30
1	1		EPO; JPO;	
1		6115 407	DERWENT	2002/12/12
-	2	6115427.pn.	USPAT;	2003/12/10
	1		US-PGPUB;	17:58
			EPO; JPO;	
	_		DERWENT	0000 (10 (10
-	2	5233629.pn.	USPAT;	2003/12/10
			US-PGPUB;	12:54
			EPO; JPO;	
		5001500	DERWENT	2002/10/10
ļ - .	2	5321729.pn.	USPAT;	2003/12/10
			US-PGPUB;	12:55
	i		EPO; JPO;	
			DERWENT	2002/12/10
-	2	5301209.pn.	USPAT;	2003/12/10
			US-PGPUB;	12:55
			EPO; JPO;	
		275 /20 1	DERWENT	2003/12/10
-	0	375/39.ccls.	USPAT; US-PGPUB;	2003/12/10 16:18
			EPO; JPO;	10:10
			DERWENT	
	3434	375/219-222.ccls.	USPAT;	2003/12/10
-	3434	3/5/219-222.0018.	US-PGPUB;	16:19
			EPO; JPO;	10.19
			DERWENT	
1_		370/525.ccls. and (four adj group\$1)	USPAT;	2003/12/10
		i sio, 525. ccis. and (rour adj group) i	US-PGPUB;	16:20
		·	EPO; JPO;	**.**
			DERWENT	
_	1	370/525.ccls. and (four adj symbol\$1)	USPAT;	2003/12/10
	1	1, J. J. C. C. L. and (Lout ad) Symboly 1,	US-PGPUB;	16:20
			EPO; JPO;	
			DERWENT	
_	0	370/525.ccls. and ((four adj symbol\$1)	USPAT;	2003/12/10
	!	near group\$1)	US-PGPUB;	16:21
	l		EPO; JPO;	·
			DERWENT	
-	1	375/219-222.ccls. and ((four adj	USPAT;	2003/12/10
1 '	1	symbol\$1) near group\$1)	US-PGPUB;	16:22
			EPO; JPO;	·
			DERWENT	
_	3	375/367.ccls. and (symbol adj mapper)	USPAT;	2003/12/10
		, I.I., 50, TILLI LIM (DIMED WAS MAPPOL)	US-PGPUB;	16:23
			EPO; JPO;	
			DERWENT	
-	0	375/367.ccls. and (symbol adj grouper)	USPAT;	2003/12/10
			US-PGPUB;	16:24
	-		EPO; JPO;	
			DERWENT	1
	1	L		<u> </u>

-	3	370/525.ccls. and (symbol adj grouper)	USPAT; US-PGPUB;	2003/12/10 16:25
			EPO; JPO;	
_	0	370/525.ccls. and (symbol adj grouper)	DERWENT USPAT;	2003/12/10
		with (four adj symbol\$1)	US-PGPUB;	16:25
			EPO; JPO;	
_	0	370/525.ccls. and ((symbol adj grouper)	DERWENT USPAT;	2003/12/10
		with (four adj symbol\$1))	US-PGPUB;	16:25
			EPO; JPO;	
_	0	 ((symbol adj grouper) with (four adj	DERWENT USPAT;	2003/12/10
		symbol\$1))	US-PGPUB;	16:26
1			EPO; JPO;	
_	0	((symbol adj grouper) with (four adj	DERWENT USPAT;	2003/12/10
		tone\$1))	US-PGPUB;	16:26
		·	EPO; JPO; DERWENT	
-	0	((symbol adj grouper) and (four adj	USPAT;	2003/12/10
		tone\$1))	US-PGPUB;	16:27
		·	EPO; JPO; DERWENT	
_	2	four adj symbol adj cluster\$1	USPAT;	2003/12/10
			US-PGPUB;	16:29
,		,	EPO; JPO; DERWENT	
_	9	four adj symbol adj group\$1	USPAT;	2003/12/10
		·	US-PGPUB;	16:46
			EPO; JPO; DERWENT	
-	0	(four adj symbol adj group\$1) and (eight	USPAT;	2003/12/10
		adj5 group\$1)	US-PGPUB;	16:32
	-	·	EPO; JPO; DERWENT	
-	0	(four adj symbol adj group\$1) and (eight	USPAT;	2003/12/10
-		adj5 bit)	US-PGPUB; EPO; JPO;	16:32
			DERWENT	
-	0	(four adj symbol adj group\$1) and (eight adj bit)	USPAT;	2003/12/10
		adj bit)	US-PGPUB; EPO; JPO;	16.32
			DERWENT	
-	2	5056112.pn. and encoder	USPAT; US-PGPUB;	2003/12/10 16:46
			EPO; JPO;	10.40
		074224	DERWENT	2002/12/10
-	0	074224.pnpn.	USPAT; US-PGPUB;	2003/12/10 17:12
			EPO; JPO;	
_	2	09074224.pn.	DERWENT USPAT;	2003/12/10
		050/3223.pii.	US-PGPUB;	17:12
			EPO; JPO;	
_	5	074224.ap.	DERWENT USPAT;	2003/12/10
		•	US-PGPUB;	17:13
		·	EPO; JPO; DERWENT	
_	1	375/265.ccls. and ((cancell\$5) and	USPAT;	2003/12/10
		(symbol adj estimate\$1) and (averag\$3))	US-PGPUB;	17:18
			EPO; JPO; DERWENT	
-	2	5022053.pn.	USPAT;	2003/12/10
			US-PGPUB; EPO; JPO;	17:17
			DERWENT	
-	2	5479448.pn.	USPAT; US-PGPUB;	2003/12/10 17:17
			EPO; JPO;	11.11
	<u></u>		DERWENT	

-	9	375/265.ccls. and (channel adjestimate\$1)	USPAT; US-PGPUB;	2003/12/10 17:27
			EPO; JPO; DERWENT	
-	5	(375/265.ccls. and (channel adj estimate\$1)) and @ad<19990723	USPAT; US-PGPUB;	2003/12/10 17:29
		estimates;)) and ead(19990.723	EPO; JPO;	17.29
_	0	((375/265.ccls. and (channel adj	DERWENT USPAT;	2003/12/10
		estimate\$1)) and @ad<19990723) and (channel adj gain)	US-PGPUB; EPO; JPO;	17:27
	2	((375/265.ccls. and (channel adj	DERWENT USPAT;	2003/12/10
		estimate\$1)) and @ad<19990723) and gain	US-PGPUB; EPO; JPO; DERWENT	17:27
_	1	375/265.ccls. and (channel adj	USPAT;	2003/12/10
		(estimate\$1)) and (channel adj (gain))	US-PGPUB; EPO; JPO;	17:28
_	110	(channel adj (estimate\$1)) and (channel	DERWENT USPAT;	2003/12/10
		adj (gain))	US-PGPUB; EPO; JPO;	17:28
_	90	((channel adj (estimate\$1)) and (channel	DERWENT USPAT;	2003/12/10
		adj (gain))) and decod\$3	US-PGPUB;	17:29
			EPO; JPO; DERWENT	
-	1	((((channel adj (estimate\$1)) and (channel adj (gain))) and decod\$3) and	USPAT; US-PGPUB;	2003/12/10 17:29
		(space adj2 time)) and @ad<19990723	EPO; JPO;	1.133
_	0	, , , , = = = = = = = , , , ,	DERWENT USPAT;	2003/12/10
		adj (gain))) and decod\$3) and (space adj2 time adj encode)	US-PGPUB; EPO; JPO;	17:34
	4545		DERWENT	2002/12/10
_	1717	antenna adj diversity	USPAT; US-PGPUB;	2003/12/10 17:30
			EPO; JPO; DERWENT	
_	4		USPAT;	2003/12/10 17:32
		(channel adj (gain))) and decod\$3) and (space adj2 time)) and (antenna adj	US-PGPUB; EPO; JPO;	17:32
_	2	diversity) 6501803.pn.	DERWENT USPAT;	2003/12/10
			US-PGPUB;	17:32
			EPO; JPO; DERWENT	
	1	6501803.pn. and gain	USPAT; US-PGPUB;	2003/12/10 17:32
			EPO; JPO;	
_	2464	((antenna or spatial)adj diversity)	DERWENT USPAT;	2003/12/10
			US-PGPUB; EPO; JPO;	17:59
		///antonna on gnatial hadd disconsitut	DERWENT	2003/12/10
	5	(((antenna or spatial)adj diversity)) and (channel adj gain adj estimat\$3)	USPAT; US-PGPUB;	17:34
			EPO; JPO; DERWENT	
-	0	((((antenna or spatial)adj diversity))	USPAT;	2003/12/10 17:34
		and (channel adj gain adj estimat\$3)) and @ad<19990723	US-PGPUB; EPO; JPO;	11.34
_	86	space adj2 time adj encod\$3	DERWENT USPAT;	2003/12/10
			US-PGPUB; EPO; JPO;	17:38
	1	(enago adi2 timo adi engode2) and	DERWENT	2003/12/10
	1	(space adj2 time adj encod\$3) and (channel adj gain adj estimat\$3)	USPAT; US-PGPUB;	18:33
			EPO; JPO; DERWENT	

Section Sect	<u> </u>	3	(space adj2 time adj encod\$3) and	USPAT;	
- 9 ((estimat\$3 adj channel adj gain) and (sad<19990723 and (channel adj estimat\$3)) US-FOFUB EPO: JTO: DERWENT US-AT: DERWENT US-FOFUB EPO: JTO: DERWENT US-FOFUB EPO			(estimat\$3 adj channel adj gain)	•	17:37
9 ((estimat\$3 adj channel adj gain) and ead(19990723 and (channel adj gain) and estimat\$3)) ((soft and hard) adj decod\$3) (soft and hard) adj decod\$3) ((soft and hard) adj decod\$3) (soft and hard) adj decod\$3) ((soft and hard) adj decod\$3) (soft and hard) adj decod\$3) (soft and hard) (soft and					
Radc 9990723 and (channel adj estimats3) US-PGPUB; EPO, JPO DERNERT USPAT; CO03/12/10 USPAT; USPACENT USPACENT USPAT; CO03/12/10 USPAT; USPACENT USPAT; CO03/12/10 USPAT; USPACENT USPAT; CO03/12/10 USPAT; USPACENT USPAT; CO03/12/10 USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT USPAT; USPACENT			(/astimate2 add shappel add sain) and		2003/12/10
- 0 (((estimat\$3 adj channel adj gain) and ead(19990723 and (channel adj gain) and (space ad)2 time adj estimat\$3)) and (space ad)2 time adj estimat\$3) (((soft and hard) adj decod\$3)) and (space ad)2 time adj estimat\$3) and (antenna or spatial) adj diversity) (space space) and (channel adj gain adj estimat\$3) and (channel adj gain) adj estimation) and (antenna or spatial) adj diversity) (space)	-	9			, . ,
Comment Comm]		Gad(19990729 and (channel ad) estimate(3))		1,13,
Sed(19990773 and (channel adj US-PGFUB; estimats3)) and (space adj2 time adj DERKENT USPAT;		;			
### ### #### #########################	1 -	0	(((estimat\$3 adj channel adj gain) and	USPAT;	2003/12/10
Commons Comm			@ad<19990723 and (channel adj		17:38
- 65 ((soft and hard) adj decod\$3) USPAT; US-FCPUB; EPO; JPO; DERWENT (antenna or spatial)adj decod\$3)) and (antenna or spatial)adj deversity) USPAT; USPA			estimat\$3))) and (space adj2 time adj		
US-PGPUB; EPO; JPO; DERMENT 17:59					2002/12/10
3	-	65	((soft and hard) adj decod\$3)		
3 ((((soft and hard) adj decod\$3)) and (antenna or spatial) adj diversity) USPAT; USPAT					17.55
(antenna or spatial) adj diversity) - 0 ((((((soft and hard) adj decod\$3)) and (antenna or spatial) adj diversity) and (channel adj gain adj estimat\$3) - 0 (((soft and hard) adj decod\$3)) and (channel adj gain adj estimat\$3) - 0 (((soft and hard) adj decod\$3)) and (channel adj gain adj estimat\$3) - 1 ((channel adj gain adj estimat\$3)) and (channel adj (gain)) and decod\$3) and (space adj2 time) - 1 15 channel adj gain adj estimation - 1 2 ((channel adj gain adj estimation) and (gad<19990723) - 2 (channel adj gain adj estimation) and (gad<19990723) - 3 (channel adj gain adj estimation) and (gan) (
Cantenna or spatial) adj diversity US-PGFUB; PFO; JPO; DENNEMT USPAT; USP	_	3	((((soft and hard) adj decod\$3)) and		2003/12/10
Commence Commence				US-PGPUB;	17:59
Comparison of the comparison					
(antenna or spatial) adj diversity) US-PGPUB; EPO; JPO; DRWENT USPAT; US-PGPUB; EPO; JPO; DRWENT USPAT; USPAT					/ /
and (channel adj gain adj estimat\$3)	-	0			1 ' '
DERWENT USPAT; USPAC;]				10:33
Common Act A			and (channel ad) gain ad) estimates)		
Cchannel adj gain adj estimat\$3)	_	_ n	(((soft and hard) adi decod\$3)) and		2003/12/10
- 22 (((channel adj (estimate\$1)) and (channel adj (gain))) and decod\$3) and (space adj2 to S-PGPUB; EPO; JPO; DENWEMT USPAT; US-PGPUB; EPO; JPO; DENWEMT USPAT; US-PGPUB; EPO; JPO; DERWEMT USPAT; US-PGPUB; EPO; JPO; JPO; DERWEMT USPAT; US-PGPUB; EPO; JPO; JPO; DERWEMT USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J			(channel adj gain adj estimat\$3)	·	
22				EPO; JPO;	
adj (gain)) and decod\$3) and (space adj2 time)					
Time EPC, JPC, DERWENT 18:43 18:43 18:43 18:38 18:38 18:38 18:43 18:38 18:38 18:38 18:43 18:38 1	-	22	(((channel adj (estimate\$1)) and (channel	· ·	1
DERMENT USPAT; 2003/12/10 18:43 EPO; JPO; DERWENT USPAGE POPUB; EPO; JPO; DERWENT USPAGE POPU				· ·	18:38
- 15 channel adj gain adj estimation			time)		
US-PEPUB: EPO; JPO; DERWENT USPAT;		1.5	channel add gain add estimation		2003/12/10
- 6 (channel adj gain adj estimation) and (channel adj gain adj estimation) and (sperior) (antenna adj diversity) - 0 (channel adj gain adj estimation and (antenna adj diversity) - 0 (channel adj gain adj estimation and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) and (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain adj estimation) (channel adj gain) (c	-	13	Charmer adj garn adj estimation	· ·	1
- 6 (channel adj gain adj estimation) and (ead<19990723	L		•	· ·	
Gad<19990723				DERWENT	
Channel adj gain adj estimation and (antenna adj diversity)	-	6		· ·	1
- 0 channel adj gain adj estimation and (antenna adj diversity) - 0 channel adj gain adj estimation and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (space adj2 time adj decod\$3) - 0 (channel adj gain adj estimation) and (space adj2 time adj decod\$3) - 0 (channel adj gain adj estimation) and (spat; 2003/12/10 US-PGPUB; EFO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EFO; JPO; DER			@ad<19990723		18:38
- 0 channel adj gain adj estimation and (uspat; Uspat; Usp					
Cantenna adj diversity	*		sharmal add gain add ostimation and		2003/12/10
- 0 channel adj gain adj estimation and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) and (space adj2 time adj estimation) uspat; (and and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (space adj2 time adj2 time adj3 time adj3 time adj3 time adj3 time adj3 time adj3 time adj3 time adj4 time adj	_	0			1
- 0 channel adj gain adj estimation and (space adj2 time adj encode) - 0 (channel adj gain adj estimation) and (hard and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (hard and soft) adj cancellation - 0 (hard and soft) adj cancellation - 0 375/265.ccls. and (hard and soft) adj cancellation - 4 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3)			(ancenna adj diversity)		
(space adj2 time adj encode) (space adj2 time adj encode) (channel adj gain adj estimation) and (lard and soft) adj decod\$3) (channel adj gain adj estimat\$3) and (lard and soft) adj decod\$3) (channel adj gain adj estimat\$3) and (lard and soft) adj decod\$3) (chand and soft) adj cancellation (chard and soft) and concellation				DERWENT	
Channel adj gain adj estimation And	-	0	channel adj gain adj estimation and		1
- 0 (channel adj gain adj estimation) and (hard and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (hard and soft) adj cancellation - 0 (hard and soft) adj cancellation - 0 375/265.ccls. and (hard and soft) adj cancellation - 4 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3) - 0 375/265.ccls. and (channel adj gain adj estimat\$3)			(space adj2 time adj encode)		18:45
- 0 (channel adj gain adj estimation) and (hard and soft) adj decod\$3) - 0 (channel adj gain adj estimat\$3) and (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (hard and soft) adj decod\$3) - 0 (hard and soft) adj cancellation - 0 (hard and soft) adj cancellation - 0 375/265.ccls. and (hard and soft) adj USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; U					
((hard and soft) adj decod\$3)			/shannel add gain add astimation) and		2003/12/10
- 0 (channel adj gain adj estimat\$3) and ((hard and soft) adj decod\$3) - 0 (hard and soft) adj cancellation - 0 (hard and soft) adj cancellation - 0 375/265.ccls. and ((hard and soft) adj USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPU	-	0		· ·	1
- 0 (channel adj gain adj estimat\$3) and (hard and soft) adj decod\$3) - 0 (hard and soft) adj cancellation - 0 (hard and soft) adj cancellation - 0 375/265.ccls. and (hard and soft) adj cancellation - 4 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain adj epo; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;		1	(\large and boro, adj decodys,		
((hard and soft) adj decod\$3) ((hard and soft) adj decod\$3) ((hard and soft) adj cancellation ((hard and soft) adj can		1			
((hard and soft) adj decod\$3) (hard and soft) adj cancellation (hard and	-	0	(channel adj gain adj estimat\$3) and	· ·	
- 0 (hard and soft) adj cancellation USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; Cancellation) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;		1	((hard and soft) adj decod\$3)		18:45
- 0 (hard and soft) adj cancellation		1			
US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/12/11 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO;			(hand and mass) - 34		2003/12/11
- 0 375/265.ccls. and ((hard and soft) adj	-	0	(nard and soit) adj cancellation		
- 0 375/265.ccls. and ((hard and soft) adj					
- 4 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain ad				· · · · · · · · · · · · · · · · · · ·	
- 4 375/265.ccls. and (channel adj gain) - 0 375/265.ccls. and (channel adj gain ad	_	0	375/265.ccls. and ((hard and soft) adj		
- 4 375/265.ccls. and (channel adj gain) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EStimat\$3) 09:47				1	09:48
- 4 375/265.ccls. and (channel adj gain) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; estimat\$3) USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO;				L .	
US-PGPUB; D9:30 EPO; JPO; DERWENT USPAT; US-PGPUB; EStimat\$3) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; US-PGPUB; EPO; JPO;			275 (265	i	2003/12/11
EPO; JPO; DERWENT O 375/265.ccls. and (channel adj gain adj USPAT; US-PGPUB; EPO; JPO; estimat\$3) EPO; JPO; US-PGPUB; EPO; JPO;	-	4	3/5/265.ccis. and (channel adj gain)	1	
DERWENT USPAT; US-PGPUB; estimat\$3) DERWENT USPAT; US-PGPUB; EPO; JPO;	1			1	33.30
0 375/265.ccls. and (channel adj gain adj USPAT; 2003/12/11 us-PGPUB; estimat\$3)				1	
estimat\$3) US-PGPUB; 09:47 EPO; JPO;	·-	0	375/265.ccls. and (channel adj gain adj	l	
	1	1			09:47
DERWENT					
		<u></u>		DERWENT	

-	1	375/265.ccls. and (complex adj maximum adj likelihood)	USPAT; US-PGPUB; EPO; JPO;	2003/12/11 09:31
			DERWENT	
-	0	(channel adj gain adj estimat\$3) and	USPAT;	2003/12/11
		(hard adj symbol adj estimate\$1)	US-PGPUB;	09:48
			EPO; JPO; DERWENT	
-	0	(gain adj estimat\$3) and (hard adj symbol	USPAT;	2003/12/11
		adj estimate\$1)	US-PGPUB;	09:48
			EPO; JPO; DERWENT	
_	0	(gain adj estimat\$3) and ((hard and soft)	USPAT;	2003/12/11
		adj cancellation)	US-PGPUB;	09:48
			EPO; JPO; DERWENT	
_	43	 (gain adj estimat\$3) and (hard and soft)	USPAT;	2003/12/11
		, , , , , , , , , , , , , , , , , , ,	US-PGPUB;	09:48
			EPO; JPO;	
_	9	((gain adj estimat\$3) and (hard and soft)	DERWENT USPAT;	2003/12/11
) and @ad<19990723	US-PGPUB;	09:51
			EPO; JPO;	
_	37	 (refine or improv\$4 or fix\$3 or adjust\$4)	DERWENT USPAT;	2003/12/11
	37	adj (channel adj estimate)	US-PGPUB;	09:54
			EPO; JPO;	
	14	((refine or improv\$4 or fix\$3 or	DERWENT	2002/12/11
-	14	((Telline of Imploys4 of 11x33 of adjust\$4) adj (channel adj estimate)) and	USPAT; US-PGPUB;	2003/12/11 09:58
		@ad<19990723	EPO; JPO;	
		///wafina an immusaAA an finA2 an	DERWENT	0000/10/11
-	2	(((refine or improv\$4 or fix\$3 or adjust\$4) adj (channel adj estimate)) and	USPAT; US-PGPUB;	2003/12/11 09:57
		@ad<19990723) and cancellation	EPO; JPO;	
	_		DERWENT	
_	0	((refine or improv\$4 or fix\$3 or adjust\$4) adj (channel adj estimate))	USPAT; US-PGPUB;	2003/12/11
		with ((hard and soft) adj cancell\$5)	EPO; JPO;	03.33
			DERWENT	
-	0	((refine or improv\$4 or fix\$3 or adjust\$4) adj (channel adj estimate))	USPAT; US-PGPUB;	2003/12/11 09:55
		near ((hard and soft) adj cancell\$5)	EPO; JPO;	05.55
			DERWENT	
-	0	((refine or improv\$4 or fix\$3 or adjust\$4) adj (channel adj estimate)) and	USPAT;	2003/12/11 09:55
		((hard and soft) adj cancell\$5)	EPO; JPO;	
			DERWENT	0000/15/55
-	4	((refine or improv\$4 or fix\$3 or adjust\$4) adj (channel adj estimate)) and	USPAT; US-PGPUB;	2003/12/11 09:55
		(hard and soft)	EPO; JPO;	53.55
			DERWENT	0000/10/11
_	47	370/337-340.ccls. and (antenna adj	USPAT; US-PGPUB;	2003/12/11 09:57
		divorbicy/	EPO; JPO;	3.37
		(070 (007 040)	DERWENT	0000/10/-
_	32	(370/337-340.ccls. and (antenna adj diversity)) and @ad<19990723	USPAT; US-PGPUB;	2003/12/11 09:58
		diversity;; and educing yours	EPO; JPO;	05.50
	_		DERWENT	0000/02/22
-	0	((370/337-340.ccls. and (antenna adj diversity)) and @ad<19990723) and hard	USPAT; US-PGPUB;	2003/12/11 09:58
		and soft and averag\$3	EPO; JPO;	05.50
		-	DERWENT	0000/05/55
_	18	((370/337-340.ccls. and (antenna adj diversity)) and @ad<19990723) and	USPAT; US-PGPUB;	2003/12/11 09:59
		averag\$3	EPO; JPO;	05.05
			DERWENT	
-	1	esimat\$3 and cancell\$5 and averag\$3	USPAT; US-PGPUB;	2003/12/11 10:01
			EPO; JPO;	10.01
			DERWENT	

-	0	esimat\$3 and cancell\$5 and averag\$3 and	USPAT;	2003/12/11
		(antenna adj diversity)	US-PGPUB;	10:01
			EPO; JPO;	
	0	(channel adj esimat\$3) and cancell\$5 and	DERWENT USPAT;	2003/12/11
_	"	averag\$3 and (antenna adj diversity)	US-PGPUB;	10:04
		averages and (ancenna adj diversity)	EPO; JPO;	10.04
			DERWENT	
_	Ó	(channel adj esimat\$3) and cancel\$6 and	USPAT;	2003/12/11
		averag\$3 and (antenna adj diversity)	US-PGPUB;	10:01
			EPO; JPO;	
			DERWENT	
-	0	(channel adj esimat\$3) and (antenna adj	USPAT;	2003/12/11
		diversity)	US-PGPUB;	10:05
1			EPO; JPO;	
*		/-1	DERWENT	2002/12/11
-	0	(channel adj esimat\$3) and (spatial adj	USPAT;	2003/12/11
		diversity)	US-PGPUB; EPO; JPO;	10:05
			DERWENT	
_	0	(channel adj esimat\$3) and (space-time	USPAT;	2003/12/11
		adj encod\$3)	US-PGPUB;	10:05
			EPO; JPO;	
			DERWENT	
-	0	(channel adj esimat\$3) and (space adj2	USPAT;	2003/12/11
		time adj encod\$3)	US-PGPUB;	10:25
			EPO; JPO;	
			DERWENT	
-	2	6115427.pn.	USPAT;	2003/12/11
			US-PGPUB;	14:12
		·	EPO; JPO;	
	_	5020267 mm	DERWENT	2003/12/11
-	2	5838267.pn.	USPAT; US-PGPUB;	11:08
			EPO; JPO;	11.00
			DERWENT	
_	\ 0	5838267.pn. and symbols	USPAT;	2003/12/11
			US-PGPUB;	11:08
			EPO; JPO;	
		·	DERWENT	
-	87	(serially adj2 concatenated adj decoder)	USPAT;	2003/12/11
		or (siso adj decoder)	US-PGPUB;	11:42
			EPO; JPO;	
		//	DERWENT	2003/12/11
-	0	((serially adj2 concatenated adj decoder)	USPAT;	11:39
		or (siso adj decoder)) and (space adj2 time adj encod\$3)	US-PGPUB; EPO; JPO;	1
	1	cime adj encodys/	DERWENT	
_	1	((serially adj2 concatenated adj decoder)	USPAT;	2003/12/11
		or (siso adj decoder)) and ((antenna or	US-PGPUB;	11:40
		spatial) adj diversity)	EPO; JPO;	
			DERWENT	
-	1	375/267.ccls. and ((serially adj2	USPAT;	2003/12/11
		concatenated adj decoder) or (siso adj	US-PGPUB;	11:49
	-	decoder))	EPO; JPO;	
			DERWENT	2002/12/11
-	9	sova and (antenna adj diversity)	USPAT; US-PGPUB;	2003/12/11
			EPO; JPO;	11.40
1			DERWENT	
_	2	(sova and (antenna adj diversity)) and	USPAT;	2003/12/11
		@ad<19990723	US-PGPUB;	11:46
			EPO; JPO;	
			DERWENT	
-	0	375/267.ccls. and ((serially adj2	USPAT;	2003/12/11
		concatenated adj decoder) or (siso adj	US-PGPUB;	11:49
		decoder)) and @ad<19990723	EPO; JPO;	
	_	//	DERWENT	2002/12/11
-	3	((serially adj2 concatenated adj decoder)	USPAT;	2003/12/11 11:49
		or (siso adj decoder)) and @ad<19990723	US-PGPUB; EPO; JPO;	11.42
			DERWENT	
1	1	1		l